



IN THE SPECIFICATION

Page 1 after line 12, insert:

BACKGROUND OF THE INVENTION

Please cancel the paragraph at page 2, lines 3-11 and replace by the following amended paragraph:

Examples of "electronic noses" may be found in GB-A-2 272 773 (British Technology Group Limited), ~~US-A-4 202 352 (Osborne)~~, and ~~EP-A-0 650 051 (Kyoto Dai-Ischi Kagaku Co., Ltd.)~~. The olfactory sensors may be arranged to create as an output, patterns which give a "finger print" of the odour being analysed. The sensors utilised in the present invention may be of the kind described in a paper entitled "Multi Element Arrays for Sensing Volatile Chemicals" by Krishna C. Persaud and Paul Travers, Intelligent Instruments Computers, July/August 1991, or other devices subsequently developed. The paper referred to gives an overview of the types of olfactory sensors available, and the principles of operation thereof.

Page 3, after line 5, insert:

SUMMARY OF THE INVENTION

Page 8, after line 10, insert:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 9, after line 9, insert:

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35 DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Please amend the paragraph at page 15, lines 18-28 to page 16, lines 1-2, by the following amended paragraph:

36 With the valve settings as shown in Figure 5, the sample chamber 35 is isolated and the pump 61 circulates air from the odour chamber 49 through the sensor chamber 36, and back through the one-way valve 66 to the pump 61. During this stage, the response of the sensors is recorded as this changes from the steady state (Figure 4) whilst the humidified air from the conduit 34 passes through the sensor chamber, without sample odour, to the part of the cycle shown in Figure 5, when the odour is circulating through the sensor chamber. Figure 8 is a representation of the appearance of the rH generator control software screen during the flush stage of the cycle. Figure 9 is the appearance of the screen during "purge". In Figures 8 and 9, the plots are labelled with reference numerals corresponding to the respective humidity sensors ~~23,~~ 23', 57', 58'. The traces of Figures 8 and 9 are representations of the appearance of the PC monitor at various stages through the sample cycle, and show the output from rH probes 1, 2 and 3 during these phases.